United States Patent

Graven

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[54] DRAWINGBOARD II, A GRAPHICAL INPUT-OUTPUT DEVICE FOR A COMPUTER

[72] Inventor: **Robert Michael Graven,** 203 Holly Lane, Orinda, Calif. 94563

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[52] **U.S. Cl.** .....**340/173 LS,** 250/213 A, 340/324 A, 340/172.5

[51] **Int. Cl.**.....**G11c 13/04**

[58] **Field of Search**.....250/213 A, 214 P, 217 SS; 340/324 R, 172.5

[56] **References Cited**

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Primary Examiner—Terrell W. Fears

Attorney—Robert T. Tipton

[57] **ABSTRACT**

A two-dimensional matrix of semi-conductors is arranged in ordered array as a flat, light emitting and light sensing device activated both electrically and by radiant energy from a pen-light to achieve a graphical input and output display by the active or inactive condition of the light emitter with circuitry for control of flow of graphical data into and out of the device for use in conjunction with a digital computer.

33 Claims, 24 Drawing Figures